



PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0851-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				Application Number	10/812,978
				Filing Date	March 31, 2004
				First Named Inventor	Scott D. Coston
				Art Unit	2873
				Examiner Name	Thompson, Timothy J.
Sheet	1	of	1	Attorney Docket Number	1857.0700003

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T <sup>2</sup>
TT	NPL1	International Search Report from Singapore Appl. No. 200206364-2, filed October 18, 2002, 5 pages, mailed November 11, 2005.	
	NPL2		
	NPL3		
	NPL4		
	NPL5		
	NPL6		
	NPL7		
	NPL8		
	NPL9		
	NPL10		

507035\_1.DOC

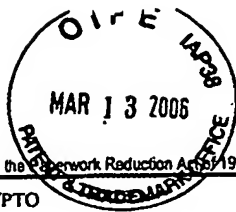
Examiner Signature		Date Considered	5/30/06
-----------------------	--	--------------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Equivalent of Form PTO/SB-08A (07-05)  
Approved for use through 07/31/2005.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				Application Number	10/812,978
				Filing Date	March 31, 2004
				First Named Inventor	Scott D. Coston
				Art Unit	2873
				Examiner Name	Thompson, Timothy J.
Sheet	1	of	1	Attorney Docket Number	1857.0700003

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
T	US1	2003/0090638	05-15-2003	Koehler <i>et al.</i>	
	US2				
	US3				
	US4				
	US5				
	US6				
	US7				
	US8				
	US9				
	US10				
	US11				
	US12				
	US13				
	US14				
	US15				
	US16				
	US17				
	US18				
	US19				
	US20				

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)			
	FP1				
	FP2				
	FP3				
	FP4				
	FP5				
	FP6				
	FP7				
	FP8				
	FP9				

507017\_1.DOC

Examiner Signature		Date Considered	5/30/06
--------------------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

FORM PTO-1449  
SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT

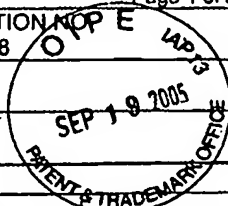
ATTY. DOCKET NO.  
1857.0700003

APPLICATION NO.  
10/812,978

FIRST NAMED INVENTOR  
Scott D. Coston

FILING DATE  
March 31, 2004

ART UNIT  
2873



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
TT	AA1	4,918,583	04/1990	Kudo <i>et al.</i>			
TT	AB1	4,931,830	06/1990	Suwa <i>et al.</i>			
TT	AC1	5,383,000	01/1995	Michaloski <i>et al.</i>			
TT	AD1	5,675,401	10/1997	Wangler <i>et al.</i>			
TT	AE1	5,844,727	12/1998	Partlo			
TT	AF1	6,243,206 B1	06/2001	Wangler			
TT	AG1	6,285,443 B1	09/2001	Wangler <i>et al.</i>			
TT	AH1	6,563,567 B1	05/2003	Komatsuda <i>et al.</i>			
TT	AI1	6,583,937 B1	06/2003	Wangler <i>et al.</i>			
TT	AJ1	6,631,721 B1	10/2003	Salter <i>et al.</i>			
TT	AK1	6,775,069 B2	08/2004	Oskotsky <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
TT	AL1	EP 1 079 227 A1	02/2001	EP			No
TT	AM1	EP 1 170 635 A2	01/2002	EP			N/A
TT	AN1	EP 1 211 561 A2	06/2002	EP			N/A
TT	AO1	EP 1 248 151 A2	10/2002	EP			N/A
TT	AP1	EP 1 372 034 A2	12/2003	EP			N/A

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	DOC. REF.	CITATION
TT	AR1	English Abstract for European Patent Publication No. EP1079227, 1 page, data supplied from the espacenet database.
TT	AS1	Copy of Search Report from European Patent Appl. No. EP 03013136.1-1226-, 4 pages, issued April 28, 2005.
TT	AT1	Copy of Search Report from Singapore Patent Appl. No. SG200304444-3, 6 pages, mailing date January 6, 2004.

EXAMINER

DATE CONSIDERED

5/30/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1857.0700003APPLICATION NO.  
10/812,978FIRST NAMED INVENTOR  
Scott D. CostonFILING DATE  
March 31, 2004ART UNIT  
2873

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
TT	AA2	6,813,003 B2	11/2004	Oskotsky <i>et al.</i>			
TT	AB2	2001/0055107 A1	12/2001	Tsuji			
TT	AC2	2002/0085276 A1	07/2002	Tanitsu <i>et al.</i>			
TT	AD2	2002/0171944 A1	11/2002	Suenaga <i>et al.</i>			
TT	AE2	2003/0025890 A1	02/2003	Nishinaga			
TT	AF2	2003/0076679 A1	04/2003	Oskotsky <i>et al.</i>			
TT	AG2	2003/0227609 A1	12/2003	Oskotsky <i>et al.</i>			
TT	AH2	2004/0051953 A1	03/2004	Mizouchi			
TT	AI2	2004/0179270 A1	09/2004	Coston <i>et al.</i>			
TT	AJ2	2004/0263821 A1	12/2004	Oskotsky <i>et al.</i>			
TT	AK2	2005/0007677 A1	01/2005	Coston <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER INITIAL	DOC. REF.	CITATION
	AR2	
	AS2	
	AT2	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.